

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>Chem Seal Corporation</b>		EMERGENCY TELEPHONE NO. <b>818-982-1655</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>11120 Sherman Way, Sun Valley, CA 91352</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>CS 3207 PART A</b>
CHEMICAL FAMILY <b>Polysulfide Elastomer</b>	FORMULA <b>N/A</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS <b>Toluene</b>	<b>8</b>	<b>200ppm</b>	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>450° F</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>1.07</b>
VAPOR PRESSURE (mm Hg.)	<b>4 mm</b>	PERCENT, VOLATILE BY VOLUME (%)	<b>88</b>
VAPOR DENSITY (AIR=1)	<b>3.1</b>	EVAPORATION RATE (Butyl AC =1)	<b>0.03</b>
SOLUBILITY IN WATER	<b>0</b>		
APPEARANCE AND ODOR <b>Off white paste-polysulfide odor</b>			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<b>130° closed cup</b>	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	<b>Standard Media, CO<sub>2</sub>, etc.</b>		<b>7.8</b>	<b>90%</b>
SPECIAL FIRE FIGHTING PROCEDURES <b>None</b>				
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	None
EFFECTS OF OVEREXPOSURE	None
EMERGENCY AND FIRST AID PROCEDURES	
None	
811 601700A 10	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	XXX	
INCOMPATIBILITY (Materials to avoid) Sulfuric Acid, Nitric Acid, Hydrochloric Acid			
HAZARDOUS DECOMPOSITION PRODUCTS None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	XXX	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
No precautions necessary, solvent wipe	
WASTE DISPOSAL METHOD	
Sanitary land fill	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) Yes	OTHER
PROTECTIVE GLOVES Recommended		EYE PROTECTION Safety goggles recommended
OTHER PROTECTIVE EQUIPMENT None		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid prolonged contact	
OTHER PRECAUTIONS	None

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MANUFACTURER'S NAME Chemseal Corporation	EMERGENCY TELEPHONE NO. (818) 982-1650
ADDRESS (Number, Street, City, State, and ZIP Code) 11120 Sherman Way, Sun Valley, CA 91352	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS 3207 Part B
CHEMICAL FAMILY Oxide of Lead	FORMULA

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
				70	05 mg/m <sup>3</sup>

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	3
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Brown Paste		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	Water			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	50 Micrograms/M3
EFFECTS OF OVEREXPOSURE	Cramping - usually in lower abdomen; muscular weakness. Analysis of biological specimens & medical examination necessary to verify excessive absorption of lead.
EMERGENCY AND FIRST AID PROCEDURES	Consult physician
FOR EYES: Wash with water for approx. 15 min. & get immediate medical aid.	

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Temperature in excess of 100°C
INCOMPATIBILITY (Materials to avoid) None			
HAZARDOUS DECOMPOSITION PRODUCTS Smoke, Soot, CO & CO2			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Avoid ingestion, clean up like heavy lubrication oil
WASTE DISPOSAL METHOD
Dispose in accordance with local state and federal regulations concerning lead-containing products

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
Not necessary		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Optional		Optional
OTHER PROTECTIVE EQUIPMENT		
Good Industrial practice		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid ingestion of material, wash thoroughly after handling; and
OTHER PRECAUTIONS before smoking, eating, etc.